

DM-10/2003  
1641

ATTORNEY DOCKET NO: KCX-461 (15790)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Kaylor, et al. ) Group Art Unit: 1641  
Serial No: 10/035,013 ) Examiner: Unknown  
Filed: December 24, 2001 ) Our Account No: 04-1403  
Confirmation No: 1072 ) Customer No: 22827  
Title: Reading Device, Method, And System For Conducting )  
Lateral Flow Assays )

Commissioner for Patents  
U.S. Patent and Trademark Office  
Post Office Box 1450  
Alexandria, VA 22313-1450

Sir:

The following is an Information Disclosure Statement for the captioned patent application, pursuant to 37 CFR Sections 1.56, 1.97, and 1.98.

1.[x] Attached hereto is:

- a.[x] A list of materials for consideration per Rule 98(a)(1): 4 page(s)
- b.[x] A legible copy of each patent, publication, or other item listed per Rule 98(1)(2), unless not required per Rule 98 and/or as indicated on the attached list(s):  
80 item(s)
- c.[ ] For each non-English language item listed, pursuant to Rule 98(a)(3), a concise explanation of the relevance thereof as it is presently understood by the individual designated in Rule 56(c) most knowledgeable about the content of such items: \_\_\_\_\_
- [ ] Such explanation is provided in the Search Report from a corresponding application enclosed herewith along with any enclosed translation into English.

2.[x] This Information Disclosure Statement is being filed [CHECK ONE]:

- a.[x] WITHIN THREE MONTHS of the application filing date, national stage date of entry, or along with or after a request for continued examination, OR BEFORE the mailing date of a first Office Action on the merits, which ever event occurs last, WHEREFORE per Rule 97(b) NO filing fee or Rule 97(e) certificate is required.
- b.[ ] AFTER the time periods of section 2.a above, but BEFORE a Final Action, Notice of Allowance OR an action that otherwise closes prosecution, WHEREFORE PER Rule 97(c) submitted herewith is [CHECK ONE]:
- i.[ ] Certification per Rule 97(e); OR
- ii.[ ] Filing Fee per Rule 17(p) .....\$180.00
- c.[ ] AFTER a Final Action OR Notice of Allowance, but BEFORE payment of the issue fee, WHEREFORE per Rule 97(d) submitted herewith is:
- i. Certification per Rule 97(e); AND
- ii. Filing fee per Rule 17(p) .....\$180.00

3.[ ] Rule 97(e) Certification; per Rule 97(e), the undersigned certifying party make the following certification statement [CHECK ONE]:

- a.[ ] That each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR
- b.[ ] That no item of information contained in this Information Disclosure Statement was cited in a foreign patent office in a counterpart foreign application and to the knowledge of the undersigned after making a reasonable

inquiry, was known to any individual designated in Rule 56(c) more than three months prior to the filing of this statement.

CERTIFYING PARTY (if different from bottom signature; omission here indicates that certification is being made by signer per signature below).

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

- 4.[x] DEPOSIT ACCOUNT AUTHORIZATION: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any fees in addition to the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (deficiency only) now or hereafter relative to this application and the resulting official document under Rule 20, or credit any overpayment, to our Account No. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached. This statement does not authorize charge of the issue fee in this case.

- 5.[x] CERTIFICATE OF MAILING: This Information Disclosure Statement is being filed pursuant to [CHECK AND COMPLETE ONE]:

- a.[x] First Class Mail Certificate of Mailing under Rule 8:

I hereby certify that this correspondence and any referenced attachment and/or fee are being deposited with the United States Postal Service as first class mail in an envelope addressed to the:

Commissioner for Patents  
U.S. Patent and Trademark Office  
Post Office Box 1450  
Alexandria, VA 22313-1450

on June 30, 2004.

Sandra S. Perkins

(Typed/printed name of person mailing paper or fee)



(Signature of person mailing paper or fee)

- b.[ ] "Express Mail" Certificate under Rule 10:

"Express Mail" - Label No. \_\_\_\_\_  
Date of Deposit \_\_\_\_\_

I hereby certify that this paper and all attachments and any fee are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the:

Commissioner for Patents  
U.S. Patent and Trademark Office  
Post Office Box 1450  
Alexandria, VA 22313-1450.

\_\_\_\_\_  
(Typed/printed name of person mailing paper or fee)

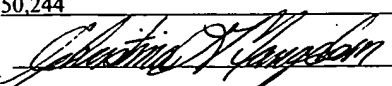
\_\_\_\_\_  
(Signature of person mailing paper or fee)

ADDRESS:  
Post Office Box 1449  
Greenville, SC 29602 USA  
Customer ID No.: 22827  
Telephone: 864-271-1592  
Facsimile: 864-233-7342

DORITY & MANNING, ATTORNEYS AT LAW, P.A.

By: Christina L. Mangelsen, Patent Agent

Reg. No: 50,244

Signature: 

Date: June 30, 2004



Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number: KCX-461 (15790)	Serial Number: 10/035,013
	Applicant: Kaylor, et al.	
	Filing Date: December 24, 2001 Confirmation No: 1072	Group Art Unit: 1641

NOTE:

If no indication is made in the column marked "COPY NOTE," the required legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]

- (1) This item is cumulative, per Rule 98(c)
- (2) A copy of this item was previously cited by or submitted to the U.S. Patent and Trademark Office in:  
 USSN \_\_\_\_\_, filed \_\_\_\_\_, or  
 USSN \_\_\_\_\_, filed \_\_\_\_\_;  
 Relied on under 35 U.S.C. Section 120, per Rule 98(d)
- (3) Both reasons (1) and (2) apply
- (4) No legible complete copy is possessed, in custody of controlled, or readily available
- (5) Per the U.S. Patent and Trademark Office's waiver of Rule 98(a)(2)(i), the item is a U.S. patent or patent application publication, and the present application was filed after June 30, 2003.

U.S. PATENT DOCUMENTS										
EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER							ISSUE DATE	COPY NOTE
	Lipman, et al.	D	4	5	0	8	5	4	11/20/2001	
	Bruschi	R	E	3	0	2	6	7	05/06/1980	
	Ludwig	4	4	4	4	5	9	2	04/24/1984	
	Mitra	4	4	7	7	6	3	5	10/16/1984	
	Clark, et al.	4	5	3	3	4	9	9	08/06/1985	
	Elings, et al.	4	5	3	7	8	6	1	08/27/1985	
	Schmidt, et al.	4	6	1	4	7	2	3	09/30/1986	
	Lee, et al.	4	7	2	2	8	8	9	02/02/1988	
	Bhattacharjee	4	9	1	7	5	0	3	04/17/1990	
	Livesay	5	0	0	3	1	7	8	03/26/1991	
	Durley, III, et al.	5	0	7	5	0	7	7	12/24/1991	
	Hewlins, et al.	5	1	2	4	2	5	4	06/23/1992	
	Watanabe, et al.	5	2	2	5	9	3	5	07/06/1993	
	Bar-Or, et al.	5	3	3	0	8	9	8	07/19/1994	
	Moorman, et al.	5	3	5	6	7	8	2	10/18/1994	
	Jirikowski	5	4	2	4	2	1	9	06/13/1995	
	Hendrix	5	4	6	4	7	4	1	11/07/1995	
	Kumar, et al.	5	5	1	2	1	3	1	04/30/1996	
	Soini	5	5	1	8	8	8	3	05/21/1996	
	Sommer	5	5	6	9	6	0	8	10/29/1996	
	Lawrence, et al.	5	5	7	1	6	8	4	11/05/1996	
	Massey, et al.	5	5	9	1	5	8	1	01/07/1997	
	Sheiness, et al.	5	7	0	0	6	3	6	12/23/1997	
	Bard, et al.	5	7	3	1	1	4	7	03/24/1998	
	Alcock, et al.	5	7	3	6	1	8	8	04/07/1998	
	Golden	5	8	2	7	7	4	8	10/27/1998	
	Maupin	5	8	3	4	2	2	6	11/10/1998	
	Nohr, et al.	5	8	3	7	4	2	9	11/17/1998	
	Lawrence, et al.	5	9	1	0	4	4	7	06/08/1999	
	Guerra	5	9	1	0	9	4	0	06/08/1999	
	Ewart, et al.	5	9	2	2	5	3	7	07/13/1999	
	Avnery	5	9	6	2	9	9	5	10/05/1999	
	Sagner, et al.	6	0	0	4	5	3	0	12/21/1999	
	Otterness, et al.	6	0	3	0	7	9	2	02/29/2000	
	Tsuchiya, et al.	6	0	8	0	3	9	1	06/27/2000	
	Bruno, et al.	6	0	8	4	6	8	3	07/04/2000	
	Caillouette	6	1	1	7	0	9	0	09/12/2000	
	Saaski, et al.	6	1	3	6	6	1	1	10/24/2000	

	Freitag	6	1	7	1	8	7	0	01/09/2001
	Hirai, et al.	6	1	7	4	6	4	6	01/16/2001
	Louderback	6	2	5	5	0	6	6	07/03/2001
	Barbera-Guillem, et al.	6	2	6	1	7	7	9	07/17/2001
	Maynard, et al.	6	2	8	7	7	8	3	09/11/2001
	Herron, et al.	6	2	8	7	8	7	1	09/11/2001
	Kuhr, et al.	6	2	9	4	3	9	2	09/25/2001
	Massey, et al.	6	3	6	2	0	1	1	03/26/2002
	Avnery, et al.	6	4	0	7	4	9	2	06/18/2002
	Nishikawa	6	4	1	1	4	3	9	06/25/2002
	Clark, et al.	6	4	3	6	7	2	2	08/20/2002
	Meade, et al.	6	4	4	4	4	2	3	09/03/2002
	Lawrence, et al.	6	4	5	1	6	0	7	09/17/2002
	Massey, et al.	6	4	6	8	7	4	1	10/22/2002
	Kennedy	6	5	0	9	0	8	5	01/21/2003
	Rushbrooke, et al.	6	5	5	6	2	9	9	04/29/2003
	Bentsen, et al.	6	5	6	6	5	0	8	05/20/2003
	Ponomarev, et al.	6	5	8	2	9	3	0	06/24/2003
	Dapprich	6	5	8	5	9	3	9	07/01/2003
	Richter, et al.	6	6	1	3	5	8	3	09/02/2003
	Springer, et al.	6	6	1	7	4	8	8	09/09/2003

[illegible]

FOREIGN PATENT DOCUMENTS															
EXAMINER INITIALS		COUNTRY	DOCUMENT NUMBER								PUBLICATION DATE	TRANSLATION			COPY NOTE
												YES	NO	N/A	
		EP	0	4	6	2	3	7	6	B1	12/27/1991			X	

\*"NO" means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56(c).

EXAMINER INITIALS		OTHER DOCUMENTS	COPY NOTE
		Specify author (if any), Title, Pertinent Pages, Date & Place of Publication	
		Article – <i>A conductometral biosensor for biosecurity</i> , Zarini Muhammad-Tahir and Evangelyn C. Alocilja, Biosensors & Bioelectronics, Vol. 18, 2003, pp. 813-819	
		Article – <i>A Disposable Amperometric Sensor Screen Printed on a Nitrocellulose Strip: A Glucose Biosensor Employing Lead Oxide as an Interference-Removing Agent</i> , Gang Cui, San Jin Kim, Sung Hyuk Choi, Hakhyun Nam, and Geun Sig Cha, Analytical Chemistry, Vol. 72, No. 8, April 15, 2000, pp. 1925-1929	



(R 92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number: KCX-461 (15790)	Serial Number: 10/035,013
	Applicant: Kaylor, et al.	
	Filing Date: December 24, 2001 Confirmation No: 1072	Group Art Unit: 1641

	Article – <i>Modification of monoclonal and polyclonal IgG with palladium (II) coproporphyrin I: stimulatory and inhibitory functional effects induced by two different methods</i> , Sergey P. Martsev, Valery A. Preygerzon, Yanina I. Mel'nikova, Zinaida I. Kravchuk, Gely V. Ponomarev, Vitaly E. Lunev, and Alexander P. Savitsky, <i>Journal of Immunological Methods</i> 186, 1996, pp. 293-304		
	Article – <i>Monofunctional Derivatives of Coproporphyrins for Phosphorescent Labeling of Proteins and Binding Assays</i> , Tomás C. O'Riordan, Aleks E. Soini, and Dmitri B. Papkovsky, <i>Analytical Biochemistry</i> , Vol. 290, 2001, pp. 366-375		
	Article – <i>Near Infrared Phosphorescent Metalloporphyrins</i> , Alexander P. Savitsky Anna V. Savitskaja, Eugeny A. Lukjanetz, Svetlana N. Dashkevich, and Elena A. Makarova, <i>SPIE</i> , Vol. 2980, pp. 352-357		
	Article – <i>Performance Evaluation of the Phosphorescent Porphyrin Label: Solid-Phase Immunoassay of <math>\alpha</math>-Fetoprotein</i> , Tomás C. O'Riordan, Aleks E. Soini, Juhani T. Soini, and Dmitri B. Papkovsky, <i>Analytical Chemistry</i> , Vol. 74, No. 22, November 15, 2002, pp. 5845-5850		
	Article – <i>Phosphorescent porphyrin probes in biosensors and sensitive bioassays</i> , D. B. Papkovsky, T. O'Riordan, and A. Soini, <i>Biochemical Society Transactions</i> , Vol. 28, part 2, 2000, pp. 74-77		
	Article – <i>Room-Temperature Phosphorescent Palladium—Porphine Probe for DNA Determination</i> , Montserrat Roza-Fernández, Maria Jesús Valencia-González, and Marta Elena Diaz-Garcia, <i>Analytical Chemistry</i> , Vol. 69, No. 13, July 1, 1997, pp. 2406-2410		
	Article – <i>Self-Assembled Monolayer Films For Nanofabrication</i> , Elizabeth A. Dobisz, F. Keith Perkins, Susan L. Brandow, Jeffrey M. Calvert, and Christie R. K. Marrian, <i>Mat. Res. Soc. Symp. Proc.</i> , Vol. 380, 1995, pp. 23-34		
	<i>AMI Screen Printers</i> – Product Information, 4 pages		
EXAMINER		DATE CONSIDERED	
Examiner: initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.			